

# Resource Summary Report

Generated by ASWG on Aug 9, 2026

## APC anti-human CD3

RRID:AB\_314066

Type: Antibody

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### Proper Citation

BioLegend Cat# 300412, RRID:AB\_314066

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### Antibody Information

**URL:** [http://antibodyregistry.org/AB\\_314066](http://antibodyregistry.org/AB_314066)

**Proper Citation:** BioLegend Cat# 300412, RRID:AB\_314066

**Target Antigen:** CD3

**Host Organism:** mouse

**Clonality:** monoclonal

**Comments:** Applications: FC

**Antibody Name:** APC anti-human CD3

**Description:** This monoclonal targets CD3

**Target Organism:** human

**Clone ID:** Clone UCHT1

**Antibody ID:** AB\_314066

**Vendor:** BioLegend

**Catalog Number:** 300412

**Alternative Catalog Numbers:** 300411, 300439, 300458

**Record Creation Time:** 20250819T215741+0000

**Record Last Update:** 20250820T003923+0000

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### Ratings and Alerts

No rating or validation information has been found for APC anti-human CD3.

No alerts have been found for APC anti-human CD3.

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## Data and Source Information

**Source:** [Antibody Registry](#)

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## Usage and Citation Metrics

We found 22 mentions in open access literature.

**Listed below are recent publications.** The full list is available at [ASWG](#) .

Briggs JA, et al. (2026) Pooled combinatorial screening identifies transcription factor sets that drive hematopoietic progenitor-like cell fate. *Cell systems*, 101644.

Mikami T, et al. (2026) CAR-T cells with the CD38-CD73-Tim-3-HLA-DR+ phenotype predict the efficacy of tisagenlecleucel as a treatment for B cell precursor ALL. *Cell reports. Medicine*, 7(2), 102576.

He C, et al. (2026) RNF138 promotes cisplatin resistance and PD-L1-mediated immune evasion via JAK2/STAT3 activation in nasopharyngeal carcinoma. *Cell reports*, 45(6), 117547.

Wang R, et al. (2025) An epitope-directed mRNA vaccine inhibits tumor metastasis through the blockade of MICA/B  $\alpha$ 1/2 shedding. *Cell reports. Medicine*, 6(3), 101981.

Tang M, et al. (2025) Single cell immune profiling in ankylosing spondylitis reveals resistance of CD8+ T cells to immune exhaustion. *iScience*, 28(7), 112715.

Lam N, et al. (2025) Asynchronous aging and turnover of human circulating and tissue-resident memory T cells across sites. *Immunity*, 58(9), 2271.

Burnell SEA, et al. (2025) OSCAR is an online ML-powered tool for organoid cell counting using bright-field images. *Cell reports methods*, 5(12), 101251.

Radziszewska A, et al. (2024) Type I interferon and mitochondrial dysfunction are associated with dysregulated cytotoxic CD8+ T cell responses in juvenile systemic lupus erythematosus. *Clinical and experimental immunology*.

Lanman NA, et al. (2024) Infiltrating lipid-rich macrophage subpopulations identified as a regulator of increasing prostate size in human benign prostatic hyperplasia. *Frontiers in immunology*, 15, 1494476.

Schmit MM, et al. (2024) A critical threshold of MCM10 is required to maintain genome stability during differentiation of induced pluripotent stem cells into natural killer cells. *Open biology*, 14(1), 230407.

Steitz AM, et al. (2023) TRAIL-dependent apoptosis of peritoneal mesothelial cells by NK cells promotes ovarian cancer invasion. *iScience*, 26(12), 108401.

Chen Y, et al. (2023) Structural definition of HLA class II-presented SARS-CoV-2 epitopes reveals a mechanism to escape pre-existing CD4+ T cell immunity. *Cell reports*, 42(8), 112827.

Ling X, et al. (2022) Efficient generation of locus-specific human CAR-T cells with CRISPR/cCas12a. *STAR protocols*, 3(2), 101321.

Ding S, et al. (2022) Patient-derived micro-organospheres enable clinical precision oncology. *Cell stem cell*, 29(6), 905.

Ye L, et al. (2022) A genome-scale gain-of-function CRISPR screen in CD8 T cells identifies proline metabolism as a means to enhance CAR-T therapy. *Cell metabolism*, 34(4), 595.

Wang Y, et al. (2021) NAD<sup>+</sup> supplement potentiates tumor-killing function by rescuing defective TUB-mediated NAMPT transcription in tumor-infiltrated T cells. *Cell reports*, 36(6), 109516.

Ling X, et al. (2021) Improving the efficiency of CRISPR-Cas12a-based genome editing with site-specific covalent Cas12a-crRNA conjugates. *Molecular cell*, 81(22), 4747.

Zhang B, et al. (2021) Photoswitchable CAR-T Cell Function In Vitro and In Vivo via a Cleavable Mediator. *Cell chemical biology*, 28(1), 60.

Wang C, et al. (2021) CD276 expression enables squamous cell carcinoma stem cells to evade immune surveillance. *Cell stem cell*, 28(9), 1597.

Constantinescu-Bercu A, et al. (2020) Activated  $\alpha$ IIb $\beta$ 3 on platelets mediates flow-dependent NETosis via SLC44A2. *eLife*, 9.